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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE				ATTY DOCKET NO. SERIAL NEW								
PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: December 20, 2000			APPLICANT Mitsuaki OSHIMA									
			FILING DATE December 20, 2000				GROUP					
				U.S. PATENT I	DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS				DATE IF		
	AA	5,311,550	5-10-94	Fouch	ne et al.							
· · · · · · · · · · · · · · · · · · ·	АВ	4,630,287	12-16-86	Arm	strong							
	AC	4,271,527	6-2-81	Arm	strong							
	AD	5,050,188	9-17-91	- C	Dirr							
	AE	5,398,073	3-14-95	v	Vei							
	AF	5,452,015	9-19-95	Huly	/alkar							
	AG	5,565,932	10-15-96	Gitta	et al.							
	АН	5,481,412	1-2-96	Bannai et al.								
	Al	3,909,721	9-30-75	Bussga	ng et al.							
				OREIGN PATENT	DOCUMENTS							
		DOCUMENT NUMBER	DATE COUNTRY CLAS				s	SUBÇLASS	TRANSLATION YES NO			
	AJ	0365431	4-25-90		P					х		
	AK	0485105	5-13-92	E	P				Х			
	AL	92/14343	8-20-92	W	/0				х			
	АМ	89/08366	9-8-89	·W	/ O				x			
	AN	0031193	7-1-81	Ε	P				. X	-		
		отн	ER DOCUMENT(S)	(Including Autho	r, Title, Date, Pert	inent Pages	, Etc.)					
	AO	Shinji Matsumoto et al., "200 Mb/s 16 QAM Digital Radio-Relay System Operating in 4 and 5 GHz Bands", Japan Telecommunications Review, January 1982, vol. 24, no. 1, pages 65-73.										
	АР	M. Pecot et al., Image Commun	M. Pecot et al., "Compatible Coding of Television Images, Part 2. Compatible System", Signal Processing Image Communication, October 2, 1990, no. 3, pages 259-268.									
	AQ	Mitsuaki Oshima	a, "Constellation	on-Code Divisi	on Multiplex fo	or Digital	HDTV	", IEEE, 1992,	pages 108	6-1092.		
EXAMINER					DATE CONSIDERED							

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S)			APPLICANT Mitsuaki OSHIMA								
•	(Use several sheets if necessary) Date Submitted to PTO: December 20, 2000			FILING DATE December	20, 2000			GROUP			
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME CLASS		SUBCLASS		DATE IF		
	АА	4,227,152	10-7-80	Goda	rd et al.				· .		
	АВ	4,525,846	6-25-85	Brem	er et al.						
	AC	4,751,478	6-14-88	Yo	shida		÷				
	AD	4,891,806	1-2-90	Faria	s et al.						
	AE	AE 4,903,125 2-20-90		Pa	rker					754.00	
	AF	4,937,844	6-26-90	K	Kao						
	AG	5,164,963	11-17-92	Lawrer	Lawrence et al.						
	АН	5,555,275	9-1996	Os	Oshima						
Al									·	·	
	,			FOREIGN PATENT	DOCUMENTS	.,					
		DOCUMENT NUMBER	DATE	cou	NTRY	SUBCLASS	TRANSLATION YES NO				
	AJ	0311188	4-12-89		P				х		
	AK	0329158	8-23-89	E	P				X		
	AL	64-5135	1-10-89		IP				x		
	AM	63-28145	2-5-88	J	IP .				х		
	AN	62-133842	6-17-87	J	IP				X		
		отн	ER DOCUMENT(S)	(Including Autho	r, Title, Date, Per	tinent Pages	s, Etc.)				
	AO	Tricia Hill et al., "A Performance Study of NLA 64-State QAM", IEEE Transactions on Communications, vol. COM-31, June 1983, no. 6, pages 821-826.									
.,	АР	Hideki Ishio et al., "A Proposal of a Carrier Digital Transmission System Using Multi-Level APSK", pages 1-20.									
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FORM PTO 1449 (MENT OF COMMER				SERIAL NEW	SERIAL NO. NEW				
PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: December 20, 2000			APPLICANT Mitsuaki OSHIMA							
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*EXAMINER INITIAL			DATE	NAME CLA:		ASS SUBCLASS			FILING DATE IF APPROPRIATE	
	АА	5,105,442	4-14-92	v	Vei					
,	AB	4,048,572	9-13-77	Doglio	tti et al.					
	AC	5,282,019	1-25-94	Basile	e et al.					
	AD	5,311,547	5-10-94	v	/ei				٤	
	AE	5,267,021	11-30-93	Ramchan	dran et al.					
	AF	5,038,219	8-6-91	Yamash	ita et al.					
	AG	5,087,975	2-11-92	Citta	et al.	<u> </u>				
	АН	5,086,340	2-4-92	Citta et al.			<u> </u>		·	
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	AJ	53-137657	12-1-78	J	Р				X	
	AK	0282298	9-14-88	Eur	оре				х	-
	AL	0392538	10-17-90	Eur	оре				х	
	АМ	0490552	6-17-92	Eur	оре			-	х	
	AN	0506400A2	9-30-92	Eur	оре					
		отн	ER DOCUMENT(S)	(Including Autho	r, Title, Date, Per	tinent Page	s, Etc.)			
	AO	Khaled Fazel et 1081-1085	al., Combined	multilevel cod	ing and multi	resolution	modul	ation, February	y 8, 1993, I	Pages
	AP	P. Hoeher et al., IEEE Global Tele - 2.1.7	, Performance communicatio	of an RCPC-C ns Conference	oded OFDM-b Globecom '	ased Digi '91", Dec	tal Aud ember	lio Broadcastin 2-5, 1991, Vo	g (DAB) Sy ol. 1 of 3, Pa	stem, ages 2.1.1
	ΑQ	K. M. Uz et al., 1992, Pages 28		tiresolution so	urce coding a	nd modul	ation fo	or digital broad	lcast of HD	ΓV*,
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FORM PTO 1449 (<i>modified</i>) U.S. DEPARTMENT OF COMMERCE			ATTY DOCKET NO. 2000_1727		SERIAL NEW					
PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S)		APPLICANT Mitsuaki OSHIMA	APPLICANT Mitsuaki OSHIMA							
(Use several sheets if necessary) Date Submitted to PTO: December 20, 2000			FILING DATE December 20, 20	FILING DATE December 20, 2000						
				U.S. PATENT DOCUM	IENTS					
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CL/	ASS	SUBCLASS		DATE IF	
	AA	5,142,353	8-25-92	Kageyama et	Kageyama et al.					
	AB	5,197,061	3-23-93	Halbert-Lassalle	et al.					
	AC	5,291,289	3-1-94	Hulyalkar et	al.					
	AD	5,166,924	11-24-92	Moose						
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	AJ	0448492A1	9-25-91	Europe				,		
	AK	0485108A2	5-13-92	Europe						
	AL	0525641A2	2-3-93	Europe						
	АМ	0540231A2	5-5-93	Europe	,					
	AN	0531046A2	3-10-93	Europe						
	. ,	ОТНГ	ER DOCUMENT(S)	(Including Author, Title,	. Date, Pertinent Page	s, Etc.)				
	AO	K. M. Uz et al., I 69.	Multiresolution	n Source and Channo	el Coding for Digi	tal Broa	adcast of HDT\	√, 1992, Pa	ages 61-	
	АР	Nambi Seshadri Fading Channel,	et al., Multi-Le Vol. 4, No. 3,	evel Block Coded Mo May-June 1993, P	odulations with U ages 325-334.	nequal	Error Protection	n for the R	ayleigh	
	AQ	William F. Schrei 549.	iber, Spread-S	pectrum Television	Broadcasting, SN	IPTE Jo	ournal, August	1992, Pag	es 538-	
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	AO	Martin Vetterli et Systems and Sig	t al., Multireso gnal Processing	ulution Coding g, Volume 3,	Techniques fo May 1992, Pag	or Digital ⁻ ges 161-	Televis 187.	sion: A Review	, Multidime	ensional
	AP	Ezio Biglieri et al.	., Introduction	to Trellis-Coc	Jed Modulation	with App	plicatio	ons, April 6, 19	192, Pages	173-207.
	AQ	English Language	e Abstract of E	European Pate	ent No. 93 30 7	7575				
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		AME	CLA	ıss	SUBCLASS		DATE IF		
	AA	4,636,876	1-13-87	Sch	wartz							
	АВ	4,855,692	8-8-89	Kenna	ard et al.							
	AC	4,873,701	10-10-89	Tre	etter _							
	AD	4,958,360	9-18-90	s	Sari							
	AE	5,115,453	5-19-92	Calderb	ank et al.							
	AF	5,168,509	12-1-92	Nakam	Nakamura et al.				Acres (See See See See See See See See See Se			
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	AJ	0122805	10-24-84	E	EP				х			
	AK	63-180280	7-25-88	J	JP				abstract			
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		отнг	ER DOCUMENT(S)	(Including Autho	or, Title, Date, Perti	inent Page:	s, Etc.)			1 1111		
J.	AO	Kazuhiko Nitado International Cor	ri, Synthesis o	of Multichanne ommunication	el Orthogonal Viss, June 14-16,	SB Signa , 1976, \	als by C Volume	Juadrature Me 1, Pages 3-2	thod, 1976 5 - 3-29.			
	AP	Thomas M. Cove	er, Broadcast (Channels, IEEI	E Transactions	on Infor	mation	Theory, Janua	ary 1972, Pa	ages 2-14		
	AQ	"Optimum Weigl COM-26, No. 6,				IEEE Trai	nsactio	ns on Commu	nications, V	olume		
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